Amherst College

Trading Club Amherst College <trading@amherst.edu>

[Quant Club] More Info About First Meeting (Sunday 8-9 PM Beneski 107 - Paino)

1 message

Trading Club Amherst College <trading@amherst.edu> Fri, Oct 27, 2023 at 6:15 AM
To: Amherst Quant Trading <amherst-quant-trading-l@amherst.edu>, 26cabd22-363f-c88b-d989-fec80f48deaf@relay.engage.campuslabs.com
Cc: Alan Li <ali24@amherst.edu>
Bcc: Sandesh Ghimire <sghimire26@amherst.edu>, Prakhar Agrawal <pagrawal27@amherst.edu>, Pranjal Chalise <pchalise26@amherst.edu>, Ryan Ji <tji26@amherst.edu>, Dineth Wijayawardana <dwijayawardana26@amherst.edu>, Nikolai Dammholz <ndammholz26@amherst.edu>, Sebastien Brown <sjbrown24@amherst.edu>

Note: *Please feel free to share this email with anyone you think might be interested in this as well!*

Dear Quant Enthusiasts,

I hope you all had a great week so far! I am excited to share more details on what we will cover in first meeting of this semester! Below, I have mentioned the relevant logistics and meeting agenda for the week along with a brainteaser that we will discuss/solve together during our meeting!

I hope this helps! I look forward to taking this club to the next level, while helping the Amherst Community and beyond!

Logistics:

Sunday, October 29, 2023
8:00 PM - 9:00 PM Quant Trading Club Meetings (Confirmed)
Beneski, 107 - Paino Lecture Hall

Meeting Agenda:

1. Quick Intro to club, leadership, and our goals for the semester, which are as follows:
    - Topic learning/discussion sessions
    - General Q&As
    - Quant Club Resources and Website Development Team Management
    - Brainteaser-based/game sessions
    - Recruiting help & Networking advice
    - Representing Amherst College @ Quantitative Trading Competitions
2. Pairing up people for the website team so that we can develop (for example amherstquantclub.github.io) to summarize resources and make a one stop resource.
3. Discuss a brainteaser mentioned below *(please think over it before coming if possible)*
4. Have time for some Q&A regarding anything related to club and recruiting as well!

Brainteaser:

- You are given a 100 sided fair dice. You get a chance to roll the dice, and you get paid the dollar equivalent of number that you roll if you decide to stop playing. But, if you are not happy with your number, you can pay $1 to get a chance to reroll.
    - Find the expected value of playing this game with the most optimal strategy according to you if you had atmost only one reroll. (***Hint:*** start by smaller cases, toy examples, or baseline strategies so that you can eventually build up logic for larger case)
    - Now find the expected value of playing this game if you have no restriction on number of times you can reroll.

See you all soon,
Dhyey Mavani
Computer Science, Mathematics, and Statistics major
Amherst College Class of 2025
Linkedin | Personal Website | Personal Email: ddmavani2003@gmail.com | School Email: dmavani25@amherst.edu
Available in Eastern Time Zone (Preferably Tue and Thu)

Loeb Center's Peer Career Advising, and ECON-361 TA Role Hours:

- **Weekly 1:1 Career Guidance:** Thursday 10:00 AM to 12:00 noon
- **PCA Resume Review Clinics:** Wednesday 6:30 PM - 8:00 PM
- **ECON-361: Advanced Econometrics TA OH:** Monday 7 PM - 9 PM